

b.1 a first polymeric layer bonded to the priming layer, wherein the first polymeric layer is selected from the group consisting of melt-processible thermoplastic elastomers, melt-processible ionomers, melt-processible nylons, fluoropolymers, and mixtures thereof; and

a second polymeric layer bonded to the first polymeric layer, wherein the second polymeric layer is selected from the group consisting of melt-processible nylons, melt-processible thermoplastic elastomers, melt-processible fluoropolymers, and mixtures thereof.

Please cancel claims 15-20 subject to Applicants' right to file a divisional application.

21. (New) The multi-layer tube of claim 1 wherein the priming layer is a nylon spray coat having as a major constituent titanium dioxide.

22. (New) The multi-layer tube of claim 1 wherein both the first and second layers comprise a low viscosity, low molecular weight Nylon 12 material.

b.2 23. (New) A multi-layer tube, comprising:
a metal tube having an outer surface;
a zinc layer bonded to the metal tube outer surface, wherein the zinc layer is selected from the group consisting of zinc plating, zinc nickel alloys, zinc cobalt alloys, zinc aluminum alloys, and mixtures thereof;
a surface treatment layer bonded to the zinc layer, wherein the surface treatment layer is selected from the group consisting of a zinc/aluminum/rare earth alloy, phosphate, chromate, and mixtures thereof;

a priming layer composed of a nylon compound having as a major constituent titanium dioxide;

a first polymeric layer bonded to the priming layer, wherein the first polymeric layer is selected from the group consisting of thermoplastic elastomers, ionomers, nylons, fluoropolymers, and mixtures thereof; and

a second polymeric layer bonded to the first polymeric layer, wherein the second polymeric layer is selected from the group consisting of nylons, thermoplastic elastomers, fluoropolymers, and mixtures thereof.

24. (New) The multi-layer tube as defined in claim 23, further comprising a third polymeric layer interposed between, and bonded to the first and second polymeric layers, wherein the third polymeric layer is selected from the group consisting of ionomers, nylons, ethylene vinyl alcohol, polyolefins, and mixtures thereof.

25. (New) The multi-layer tube as defined in claim 23 wherein the first polymeric layer consists essentially of an ionomer and a nylon.

ba 26. (New) The multi-layer tube as defined in claim 25 wherein the ionomer is ethylene methacrylic acid copolymer--partial metal salt, and wherein the nylon is Nylon 12.

27. (New) The multi-layer tube as defined in claim 26 wherein the ethylene methacrylic acid copolymer--partial metal salt comprises between about 10% and about 70% of the first polymeric layer, and wherein the Nylon 12 comprises between about 90% and about 30% of the first polymeric layer.

28. (New) The multi-layer tube as defined in claim 26 wherein the second polymeric layer consists essentially of a nylon.

29. (New) The multi-layer tube as defined in claim 28 wherein the second polymeric layer consists essentially of Nylon 12.

30. (New) The multi-layer tube as defined in claim 23 wherein both the first and second layers are a low viscosity, low molecular weight Nylon 12 material.

b2 31. (New) The multi-layer tube as defined in claim 23 wherein the priming layer interacts cooperatively with the first and second polymeric layers to provide corrosion resistance in extremely corrosive environments.
